

(M)

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1. A magnetically-actuated coupler assembly for a model railroad car comprising

- (a) a drawbar with first and second ends, capable of being pivotally mounted within a coupler pocket in the end of a model railroad car,
- (b) formed as an integral part of the first end of the drawbar is a leaf spring extending from the first end of the drawbar,
- (c) secured to the second end of the drawbar is a coupler head, wherein the coupler head contains a pair of stops which limit the movement of a pivotally mounted coupler knuckle;

(d) a cantilever spring formed as an integral part of the drawbar located proximal from the coupler body,

- (e) a magnetically-actuated post pivotally secured to the drawbar which extends downward from the drawbar, and

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2. The magnetically-actuated coupler assembly of claim 1 wherein the leaf spring is secured to the first end of the drawbar and extends outward and around the first end of the drawbar to form generally a C-shape.

3. The magnetically-actuated coupler assembly of claim 1 wherein an outer tip of the coupler knuckle contains a lip which extends inward toward the post.

4. The magnetically actuated coupler assembly of claim 1 herein the drawbar includes an extension lip, extending from the drawbar.

5. The magnetically actuated coupler assembly of claim 1 wherein the coupler knuckle contains a slot, an edge of which interacts with one of the stops of the coupler head to limit the capability of the coupler knuckle to open.

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